

Doctor of Philosophy in Biochemistry

1701800-Department of Biochemistry

Admission Requirements: Graduate students with a. M.Sc. of Biochemistry or Applied Chemistry or an equivalent degree of the faculties of Medicine, Pharmacy, Science or Veterinary.

Core courses (18Cr): 1701801 ,1701802,1701803,1701804, 1701805, 1701806,1701807, 1701808

Elective courses (6 Cr):

Elective 1 (3 Cr): 1703820, 1704820, 1705820, 1717820.

Elective 2 (3 Cr): 1706820, 1707820, 1708820, 1709820, 1712820, 1713820, 1721820.

Ph.D. Thesis (24 Cr)

Core courses (18 Cr)

Code	Name	Hours/week		Total Cr
		Theoretical	Practical	
1701801	Biochemistry (V)	2	2	3
1701802	Biochemistry (VI)	2	-	2
1701803	Biochemistry (VII)	2	-	2
1701804	Biochemistry (VIII)	2	-	2
1701805	Molecular biology (V)	2	2	3
1701806	Molecular biology (VI)	2	-	2
1701807	Molecular biology (VII)	2	-	2
1701808	Molecular biology (VIII)	2	-	2
		16	4	18

Elective courses (6 credit hours)

Elective I: 3 Credit hours

1703820	Physiology	2	2	3
1704820	Pharmacology	2	2	3
1705820	Hematology	2	2	3
1717820	Chemical pathology	2	2	3

Elective II: 3Credit hours

1706820	Bacteriology	2	2	3
1707820	Parasitology	2	2	3
1708820	Immunology	2	2	3
1709820	Histochemistry and cell biology	2	2	3
1712820	Medical biophysics	2	2	3
1713820	Human genetics	2	2	3
1721820	Medical statistics	2	2	3